

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions of claims in the application:

Listing of Claims:

1. (Currently Amended) A[[n]] ~~application programming interface system~~ for accessing data, ~~comprising the application programming interface facilitating at least;~~
 - a parser to retrieve and parse information associated with a data source;
 - a data document component to receive at least a portion of the parsed information, the data document component having a hierarchical representation of the at least a portion of the parsed information associated with the data source; and
 - a data set component to receive the at least a portion of the parsed information, the data set component having a relational representation of the at least a portion of the parsed information associated with the data source;
 - the data set component and the data document component being mapped to each other to facilitate accessing the at least a portion of the parsed information in either representation, changing the at least a portion of the parsed information in the representation accessed and synchronizing these changes in the other representation.
2. (Original) The system of claim 1, the data source being at least one of an XML document and a relational database document.
- 3-7. (Canceled).
8. (Currently Amended) A system ~~stored on tangible computer readable medium, the system~~ facilitating access to data, comprising:
 - an XML data document component having a hierarchical representation of information associated with an XML source document; and
 - a data set component having a relational representation of at least some of the information associated with the XML source document,

wherein the system facilitates accessing and changing information in the XML data document component and reflecting these changes in the data set component according to a mapping between the XML data document component and the data set component.

9. (Canceled).

10. (Previously Presented) The system of claim 8, further comprising an XML parser for retrieving information from the XML source document, the parser sending information associated with the XML source document to the XML data document component and the data set component.

11-26. (Canceled).

27. (Currently Amended) A tangible computer readable medium having computer executable components for accessing data, comprising:

a component to facilitate synchronizing one or more changes made to relationally represented source document information mapped to [[a]] hierarchically represented source document information,

the hierarchically represented source document information parsed from an XML source document and stored in an XML data document component associated with the XML source document; and

the relationally represented source document information parsed from the XML source document and stored in a data set component associated with the XML source document.

28-29. (Canceled).

30. (Previously Presented) The system of claim 1, the data set component having a structural inference component to infer a relational structure of the data source.

31. (Previously Presented) The system of claim 1, the data set component having a schema component to receive a schema describing a relational structure of the data source.

32. (Previously Presented) The system of claim 10, the data set component further comprising a structural inference component to infer a relational structure of the XML source document.
33. (Previously Presented) The system of claim 10, the data set component further comprising a schema component to receive a schema describing a relational structure of the XML source document.